

Claims

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is as follows:

1 1. A dog kennel for use with a truck cap mounted atop a pickup truck bed having
2 a pair of opposed side rails, said dog kennel comprising:
3 a first floor panel connected to a second floor panel for pivotal movement relative
4 thereto, said first and second floor panels being movable between a planar
5 extended configuration and a folded storage configuration; and
6 a first side support bracket attached to a free end of said first floor panel and a second
7 side support bracket attached to a free end of said second floor panel for
8 supporting said first and second floor panels, respectively, atop the side rails of
9 the truck when said first and second floor panels are at said extended
10 configuration.

1 2. The dog kennel as in claim 1 further comprising a center floor panel situated
2 intermediate said first and second floor panels for displacing said first and second floor
3 panels from one another and defining a horizontal axis, said first and second floor panels
4 being pivotally coupled to said center floor panel and movable about said horizontal axis.

1 3. The dog kennel as in claim 2 further comprising:
2 a center front panel connected to said center floor panel and extending upwardly
3 therefrom so as to define a vertical axis; and

4 first and second front panels pivotally coupled to said center front panel for separately
5 operable movement about said vertical axis between front panel extended and
6 storage configurations.

1 4. The dog kennel as in claim 2 further comprising:
2 a first floor panel fastener slidably mounted to said first floor panel for releasably
3 engaging said center floor panel when said first floor panel is at said extended
4 configuration; and
5 a second floor panel fastener slidably mounted to said second floor panel for releasably
6 engaging said center floor panel when said second floor panel is at said extended
7 configuration, whereby said first and second floor panel fasteners selectively hold
8 said first and second floor panels at said extended configuration.

1 5. The dog kennel as in claim 3 further comprising first and second front panel
2 fasteners coupled to respective floor panels and separately movable between extended
3 configurations engaging respective front panels and retracted configurations displaced from
4 said respective front panels.

1 6. The dog kennel as in claim 2 wherein said first and second front panels each
2 define a door opening; and
3 said dog kennel further comprising a pair of door coverings mounted to respective first
4 and second front panels for covering said door openings.

1 7. The dog kennel as in claim 6 wherein each respective door covering is a
2 folding-gate door movable between open and closed configurations.

1 8. The dog kennel as in claim 6 wherein each respective door covering is a wire
2 grate door that is pivotally movable between open and closed configurations.

1 9. The dog kennel as in claim 2 further comprising a partition coupled to said
2 center floor panel, whereby to define separate interior kennel spaces.

1 10. The dog kennel as in claim 1 further comprising a partition pivotally coupled
2 to a respective floor panel and selectively movable between vertical and horizontal
3 configurations.

1 11. The dog kennel as in claim 2 further comprising:
2 a center back panel connected to said center floor panel opposite said center front panel
3 and extending upwardly therefrom; and
4 first and second back panels coupled to said center back panel, said first and second
5 back panels having configurations substantially similar to configurations of said
6 first and second front panels, respectively.

1 12. A dog kennel for use with a truck cap mounted atop a pickup truck bed
2 having a pair of opposed side rails, said dog kennel comprising:

3 a frame structure having a center floor panel defining a horizontal axis and a center
4 front panel extending upwardly from said center floor panel defining a vertical
5 axis;

6 a first floor panel and a second floor panel pivotally coupled to opposed edges of said
7 center floor panel for movement about said horizontal axis between a planar
8 extended configuration and a folded storage configuration;

9 a first side support bracket connected to said first floor panel and a second side support
10 bracket connected to said second floor panel for supporting said first and second
11 floor panels, respectively, atop the side rails of the truck when said first and
12 second floor panels are at said extended configuration;

13 a first front panel and a second front panel pivotally coupled to opposed edges of said
14 center front panel for separately operable movement about said vertical axis
15 between front panel planar extended and folded storage configurations.

1 13. The dog kennel as in claim 12 further comprising first and second floor panel
2 fasteners mounted to first and second floor panels, respectively, said first and second floor
3 panel fasteners being separately movable between locked configurations extending from said
4 respective floor panels and released configurations retracted within said respective floor
5 panels, said first and second floor panel fasteners being separately movable to said locked
6 configurations for receipt into complementary receptacles defined by said center floor panel,
7 whereby to releasably hold said first and second floor panels at said extended configuration.

1 14. The dog kennel as in claim 12 further comprising first and second front panel
2 fasteners coupled to respective floor panels and separately movable between extended
3 configurations engaging respective front panels and retracted configurations displaced from
4 said respective front panels.

1 15. The dog kennel as in claim 12 wherein said first and second front panels each
2 define a door opening; and
3 said dog kennel further comprising a pair of door coverings mounted to respective first
4 and second front panels for covering said door openings.

1 16. The dog kennel as in claim 15 wherein each door covering is a folding-gate
2 door movable between open and closed configurations.

1 17. The dog kennel as in claim 15 wherein said door covering is a wire grate
2 door that is selectively movable between open and closed configurations.

1 18. The dog kennel as in claim 15 wherein each of said pair of door coverings is
2 movable between open and closed configurations; and
3 said dog kennel further comprising means connected to said pair of door coverings for
4 selectively moving said each of said door coverings between said open and
5 closed configurations from a position remote from said door coverings.

1 19. The dog kennel as in claim 12 further comprising a partition coupled to said
2 center floor panel, whereby to define separate interior kennel spaces.

1 20. The dog kennel as in claim 12 further comprising:
2 a center back panel connected to said center floor panel opposite said center front panel
3 and extending upwardly therefrom; and
4 first and second back panels coupled to said center back panel, said first and second
5 back panels having configurations substantially similar to configurations of said
6 first and second front panels, respectively.